

OFFICE USE ONLY
 Log No. 4501A
 Permit No. 1
 Basin 4-59

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 19223

1. OWNER Echo Bay Minerals ADDRESS AT WELL LOCATION M'Cog Mine
 MAILING ADDRESS P.O. Box 1658
BATTLE MOUNTAIN, NEVADA 89820
 2. LOCATION NE 1/4 NE 1/4 Sec. 1 T. 28 N/S R. 43 E Lander County
 PERMIT NO. M.O. - 406-D Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
GRAVEL clay Limestone		0	94	
		94	800	
BROKEN Fractured Limestone minimal	X	417	428	11
		690	714	24

8. WELL CONSTRUCTION
 Depth Drilled 800 Feet Depth Cased 800 Feet
 HOLE DIAMETER (BIT SIZE)
 From 10 Inches To 800 Feet
 From 0 Feet To 800 Feet
 From 0 Feet To 800 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6in</u>	<u>PVC</u>	<u>Sch 80</u>	<u>0</u>	<u>800</u>

Perforations:
 Type perforation .010 slotted
 Size perforation .010
 From BLANK 0 feet to 720 feet
 From SCREEN 720 feet to 780 feet
 From BLANK 780 feet to 800 feet
 From feet to feet
 From feet to feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 106 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From 640 feet to 800 feet

9. WATER LEVEL
 Static water level 462 feet below land surface
 Artesian flow G.P.M. P.S.I.
 Water temperature WARM °F Quality FAIR

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name EKlund Drilling Co
 Address Box 2786 EIKO NEVADA 89803
 Nevada contractor's license number # 0030823
 Nevada driller's license number issued by the # 1759
 Division of Water Resources, the on-site driller.
 Signed Tom Kovis
 By driller performing actual drilling on site or contractor
 Date NOV 13, 1993

Date started Oct 23, 1993
 Date completed Oct 27, 1993

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>25-35</u>		

DEC -7 AM:03
 RECEIVED
 STATE ENGINEERS OFFICE